

(DC-3901)

On an **Algorithm** for Independent Morphological
Analysis of the Swedish Language, by
S. S. Belokrinitskaya, T. N. Moloshnaya, 17 pp.

RUSSEIAN, bk, ~~Trudy Instituta Tekhnicheskoy Mekhaniki~~
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 288-294.

JPRS 13543

~~XXXXXXXXXXXX~~

Sci - Misc

Machine Translation

May 62

193, 642

(IC-3901)

The Principles of Syntactical Analysis of the
Tatar Language, by F. Dreyzin, R. Rashitov,
11 pp.

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i Vychislitel'noy Tekhniki, N Ak Nauk SSSR,
No 2, 1961, pp 221-303.

9

JPRS 13543

Sci - Misc
Machine Translation
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193, 643

(RG-3901.)

A Table of Tatar-Russian Correspondences,
by P. Dreyzin, 10 pp.

RUSSIAN, bk, Trudy Instituta Tekhnoy Mekhaniki
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1961, pp 304-313.

JPRS 13543

Sol - Misc
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May 62

193, 644

(DC-3901)

On Construction of Sentences in Independent
Synthesis of Russian Text Matter, by
T. M. Nikolayeva, 11 pp.

RUSSIAN, bk, Trudy Instituta Tsochnoy Mekhaniki
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1961, pp 314-322.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 645

(DC-1901)

An Algorithm for Ordering Words in a Sentence
in Independent Russian Language Synthesis, by
K. I. Babitskiy, 26 pp.

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JPRS 13543

Sci - Misc
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JPRS 13543

193, 647

Sci - Misc
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May 62

(10-3500)

on the Analysis of Closed Constructions in Binary
Machine Translation From Chinese to Russian,
by A. A. Kozlov, 13 pp.

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1981, pp 347-357.

JPRS 13543

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(DU-3802)

The Analysis of Auxiliary Words in Binary
Machine Translation From Chinese to Russian,
by A. A. Zvonov, 13 pp.

RUSSIAN, bk, Trudy Instituta Tekhnov Mekhaniki
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JPRS 13543

Sci - Elec
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(DD-3901)

The Linguistic Problems of Translation of Poetry,
V. V. Krasov, 34 pp.

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JPRS 13543

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JPRS 13543

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Experiment in Constructing a System for
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JPRS 13543

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(EC-3801)

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XX 1961, pp 423-444.

JPRS 13543

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Sci - Elec
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Conditions of Hydrolysis, and Yield of
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USSR

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DSIR LLN RTS 1399

(Ll. 15s. Od.)

Sci - Chem; Geophys
Apr 60

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Formation of Humic Acids and Individual Char-
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DSIR JAN RTS 1400

(12. Os. Os.)

113 041

Sci - Chem; Geophys
Apr 60 60

Chemistry of Peat-Forming Materials: (3) Syntheses
of Humic Acids From Natural Products, by V. A.
Batur, V. E. Rakovskiy.

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SHH 60-23611 DSIR LIU RTS 1401

Sci - Chem

Aug 60

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OTS 64-11072
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Dynamics of Soil Moisture after Application
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*CFSTI TF 67-51311

Sci-Ear Sci
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US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 96

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Jun 59

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VERTICAL DISTRIBUTION OF SOLID FLUX IN A
SNOW-WIND FLOW (O Raspredelenii Rasakhoda
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1961, 16p. 6 refs. NRCC Technical Trans. 999.
Order from NRCC \$1.00 NRCC C-3903

Trans. of [Akademiya Nauk SSSR]. Transportno-
Energeticheskii Institut [Novosibirsk]. Trudy, 1954,
no. 4, p. 49-58.

DESCRIPTORS: *Snow, Deposits, Control, *Wind,
Velocity, Turbulent flow.

(Earth Sciences--Frost, TT, v. 8, no. 2)

62-12852

I. Dyunin, A. K.
II. NRCC TT-999
III. NRCC C-3903
IV. National Research Council
of Canada

Office of Technical Services

Formulation of Trajectories of Air
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18 CXXVIII, 1963, pp 46-55. 9696776
FTT-TT-64-1039

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SLA R-1859

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Petrushev, D. A. and Mikulinski, A. S.
CHANGE OF CHARGE IN THE MELTING PROCESS IN
THE PHOSPHORUS FURNACE, tr. by Boris P. Klenov.
19 July 61, 19p. 24 refs. TVA-3829.
Order from CTR or SLA \$1.60 62-24458

Trans. of Ural'skii Nauchno-Issledovatel'skii
Khimicheskii Institut. Trudy (USSR) 1957 (v. 5)
p. 236-251.

DESCRIPTORS: *Phosphorus, Reduction, Melting,
*Furnaces, Slags.

Conclusions regarding the principal reactions which
take place in a plant furnace were derived from labora-
tory experiments, observations of plant-furnace
operation, and data in the literature. The reduction of
phosphates begins in the solid phase in the middle zones
of the furnace at about 1000° C. The process goes over
(Engineering--Chemical, TT, v. 9, no. 2) (over)

I. Petrushev, D. A.
H. Mikulinski, A. S.
III. TVA-3829
IV. Tennessee Valley
Authority,
Wilson Dam, Ala.

Office of Technical Services

Shchegrov, L. N.
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RIDE AND OXYGEN. [1962] 9p.
Order from ATS \$12.75

ATS-46P64R

Trans. of Ural'sk[i] Politekhn[ichecki] Inst[itut,
Sverdlovsk]. Tr[udy] (USSR) 1960, v. 96, p. 82-92.

DESCRIPTORS: *Titanium compounds, Chlorides,
*Oxygen, Chemical reactions.

63-12027

I. Shchegrov, L. N.
II. ATS-46P64R
III. Associated Technical
Services, Inc., East
Orange, N. J.

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Office of Technical Services

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CIA/FDD X-5617

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The Purification and Concentration of the Aphthae
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Vses Ak Sel'skokhoz Nauk imeni V. I. Lenina,
Vol VI, 1947-1952, pp 190-198. CIA D 507503

USDA 36,179

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Jun 56 CTS/dex

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Nauk imeni V. I. Lenina, Vol VII, 1953-1954, Alma-
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Nauch imeni V. I. Lenina, Vol VII, 1955, Alma-Ata,
pp 37-41. CIA D 9008126

USDA

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Issue 3, No 6, 1956, pp 61-67.
CFSTI TT 67-51323

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JPRS 24264

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JPRS 24264

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S. A. Glukhov, A. G. Trakler, 12 pp.
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Navy 3987/ONI 1025

Sci-Phys
Feb 65

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Bogachenko, L. S.

EXPERIMENTAL INVESTIGATION OF HIGHER
NERVOUS ACTIVITY IN SCHOOL CHILDREN IN
ASSOCIATION WITH CERTAIN ASPECTS OF
MENTAL HEALTH. [1961] [35]p. 11 refs. [NIH]
no. Ab-910.

Order from OTS or SLA \$3.60

62-15101

Trans. of Akademiya Nauk SSSR. Institut Vysshei
Nervnoi Deyatel'nosti. Trudy, 1956, v. 2, p. 209-228.

DESCRIPTORS: *Reaction (Psychology), *Fatigue
(Physiology), *Cerebral cortex, Conditioned reflex,
Neuromuscular transmission, Stimulation, Sleep,
Inhibition, Physical fitness, Attention, Personality,
Reaction time, Reasoning, *Stress (Psychology).

Healthy female students of the fourth class were the
subjects in these investigations. Their responses to
various types of stimuli and conditioned reflexes were
(Behavioral Sciences--Psychology, TT, v. 7, no. 9) (over)

62-15101

I. Bogachenko, L. S.

II. NIH-Ab-910

III. National Institutes of
Health, Bethesda, Md.

Office of Technical Services

TRUDY INSTITUTA VISSHEY NERVOY
DEYATEL'NOSTI, SERIYA FIZIOLOGICHESKAYA
(Work of the Institute of Higher Nervous
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Translation of 1955, Vol. 1 up to and
including 1962, Vol. 7
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Russ

Attempt at Simultaneous Study of Conditioned Reflexes
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Action of Radiant Energy, by L. N. Khroleva, 7 pp.

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OTS 60-21859
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FBI No 71

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The Problem of the Time Reflex During the Formation
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OTS 60-21859
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Feb 61

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Interaction of Various Forms of Internal Inhibition,
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RUSSIAN, per, Trudy Inst Vysshey Nervnoy Deyatel'
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OTS 60-21859
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PST No 71

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Fluctuations in the Duration of Motor Conditioned
Responses of Man as a Function of the Rate of
Succession of Conditioned Stimuli, by M. A.
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OTS 60-21859
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Differentiations Following Replacement of Speech
Conditioning by Nonconditioned Conditioning in Adult
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RUSSIAN, per, Trudy Inst Vysshey Nervnoy Deyatel'
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OTS 60-2859
PL 480

Sci - Med

Feb 61

PST No 71

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The Formation of a Dominant Focus in the Hypothalamic
Area and the Investigation of Its Properties, by
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Ser Fiziol, Vol II, 1956.

OTS 60-21859
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Sci - Med

Feb 61

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Dominant on Differentiation), by G. D. Kuznetsova,
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OTB 60-21859
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PST No 71

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The Condition of the Cortical Termination of the
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Investigation of Physiological Mechanisms Whereby
Rhythms Reflecting the Respiratory Rate are Evoked
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PST No 71

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of the Defensive Conditioned Reflex to Stimuli
With Nonsynchronized Rhythms, by I. N. Knipst, 29 pp.

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Feb 61

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The Influence of Reconditioning the Stimulus
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OTS 60-21859
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Sci - Med

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Feb 61

PST No 71

Some Mechanisms of Cortical Activity of Man in
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12 pp.

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OTS 60-21859
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Sci - Med

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OTS 60-21859
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Sci - Med

Feb 61

PST No 71

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Dynamics of Sugar Level in Blood During Various Functional States of Higher Areas of Central Nervous System, II. Dynamics of Sugar Level in Blood and Glycemia Curves During Disorders in the Equilibration of Nervous Processes in the Cerebral Cortex in Dog, by M. G. Airapetyants, 18 pp.

RUSSIAN, per, Trudy Inst Vyshey Nervoy Deyatel'
Ser Fiziol, Vol II, 1956.

OTS 60-21859
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Sci - Med

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PST No 71

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The Dominant Damped Electrocutaneous Stimulation and
its Influence on Defensive Conditioned Reflexes, by
L. S. Podsoennaya, 9 pp.

RUSSIAN, per, Trudy Inst Vysshey Nervoy Deyatel'
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OTS 60-21859
PL 480

Sci . Med

Feb 61

PST No 71

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Changes in the Higher Nervous Activity and Their
Influence on the Blood System, by T. H. Ryantseva,
17 pp.

RUSSIAN, per, Trudy Inst Vysshey Nervoy Degatel'
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OTS 60-21859
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Sci - Med

Feb 61

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PST No 71

Changes in Functional State of Cerebral Cortex
and Blood Pressure Level in Dogs of Strong Type
of Nervous System, by L. A. Preobrazhenskaya, 25 pp.

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OTS 60-21859
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Sci - Med

Feb 61

PST No 71

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The Influence of Toxic Doses of Phenamine, by
A. M. Mametkina, 17 pp.

RUSSIAN, per, Trudy Inst Vysshy Nерvny Deyatel'
Ser Fiziol, Vol II, 1956.

OTS 60-82859
FL 480

Sci - Med

Feb 61

RST No 71

139,789

62-15101

Bogachenko, L. S.
EXPERIMENTAL INVESTIGATION OF HIGHER
NERVOUS ACTIVITY IN SCHOOL CHILDREN IN
ASSOCIATION WITH CERTAIN ASPECTS OF
MENTAL HEALTH. [1961] [35]p. 11 refs. [NIH]
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62-15101

Transl. of Akademiya Nauk SSSR. Institut Vysshel
Nervnoi Deyatel'nosti. Trudy, 1956, v. 2, p. 209-228.

DESCRIPTORS: *Reaction (Psychology), *Fatigue
(Physiology), *Cerebral cortex, Conditioned reflex,
Neuromuscular transmission, Stimulation, Sleep,
Inhibition, Physical fitness, Attention, Personality,
Reaction time, Reasoning, *Stress (Psychology).

Healthy female students of the fourth class were the
subjects in these investigations. Their responses to
various types of stimuli and conditioned reflexes were
(Behavioral Sciences--Psychology, TT, v. 7, no. 9)(over)

- I. Bogachenko, L. S.
- II. NIH Ab-910
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Office of Technical Services

61-31020

WORKS OF THE INSTITUTE OF HIGHER NERVOUS
ACTIVITY, PHYSIOLOGICAL SERIES, 1960, VOL. 5,
tr. by M. Roublev. 1962, 276p. PL-480 HEW.
Order from OTS \$2.75 9207549 61-31020

Trans. of Akademiya Nauk SSSR. Institut Vysshei
Nervnoi Deyatel'nosti. (Trudy. Seriya Fiziologicheskaya,
1960, v. 5.

DESCRIPTORS: *Psychology, *Neurology, *Physiology,
Nervous system, *Conditioned reflex, Bioelectronics,
*Cerebral cortex, Inhibition, Rhythm, *Electro-
encephalography, *Stimulation, Sound, Light,
*Thalamus, Reticulo-endothelial system, Analyzers
(Psychology), *Motor reactions, *Neuromuscular trans-
mission, Reaction time, Secretion, Gastrointestinal
system, Nerves, *Hearing, *Reactions (Psychology),
Fishes, Dynamics, *Chlorpromazine, Pharmacology,
(Biological Sciences--Neurology, TT, v. 9, no. 7)
(over)

I. Title: Meratran
I. PL-480 HEW (61-31020)
II. National Science Founda-
tion, Washington, D. C.

Office of Technical Services

Works of the Institute of Higher Nervous Activity,
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*OTS 63-11193
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OTS 66-11191

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Jul 63

TRUDY INSTITUTA VISSHEY NERVNOY DEYATEL-
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(Work of the Institute of Higher Nervous
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WORKS OF THE INSTITUTE OF HIGHER NERVOUS ACTIVITY, PATHOLOGICAL SERIES, 1959, VOL. 6: PATHOPHYSIOLOGY AND EXPERIMENTAL THERAPY OF DISORDERS IN ANIMAL HIGHER NERVOUS ACTIVITY DURING SOME INTOXICATIONS AND INFECTIONS, tr. by A. Ferber and others. 1963, 300p. 198 refs. PL-480 HEW.
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DESCRIPTORS: *Pathology, Physiology, *Nervous system, Toxicity, *Infections, *Brain, Spinal cord, Streptococcus, Staphylococcus, Respiration, *Bacterial toxins, Conditioned reflex, *Anaphylactic shock, Adrenal glands, *Antigens and antibodies, *Gamma globulin, Drugs, *Antigen-antibody reactions, Diphtheria (Biological Sciences--Pathology, TT, v. 9, no. 10)
(over)

1. Title: Phenamine
2. Title: Tropacoin
- I. Title: Pathophysiology ...
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63-11167

WORKS OF THE INSTITUTE OF HIGHER NERVOUS
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tr. by M. Roublev. 1963, 314p. PL-480 HEW.
Order from OTS \$3.25 63-11167

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cheskaya, 1961, v. 6, 342p.

DESCRIPTORS: *Nervous system, Neurology,
*Physiology, Stimulation, *Photoreceptors, *Motor
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*Cerebral cortex, *Analyzers (Psychology), Exclusion,
*Neuromuscular transmission, *Thresholds (Physiol-

I. Title: Meratran
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Sci - *Min/mit*
Apr 60
Wire DC-4

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Sci - *Chemistry*

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